

From: Blake Sanden [mailto:blsanden@ucdavis.edu]
Sent: Tuesday, November 08, 2011 9:22 AM
To: Patty Welty; Henderson Marilyn; Jemaa, Fethi Ben
Subject: DWR email for Blake

Fethi,

I believe my main comment was already noted by Steve at our meeting Wednesday 11/3.

That is for Table 6-1, page 6-26, field scale data/sources, under Data Component immediately following Crop ET should be a category labeled "Salinity/chloride Mass Balance", Then to the right under Source should be "Soil and irrigation water analyses by field", and lastly under Notes it should say, "Provides estimate of % deep percolation".

This salt balance method should also be listed in Table 4-1 at the bottom as "Field Scale %Leaching", with the example calculation supplying the average ECirr and average root zone ECe and using the "Method 1" (FAO 29) calculation in the paper I supplied last week.

Assuming no runoff from the field this would provide an independent estimate of $CUF(\%) = 1 - LF$. The example as now given implies that necessary leaching is only 5% but with a CUF of only 67% that much more deep percolation has occurred. The example makes no distinction or accounting of runoff vs deep percolation.

Finally, on page 6-27, we jump to Table 6-4 without having a Table 6-3 -- there is no 6-3!?

Please forward to Steve.

Thanks,
Blake

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